



ILLINOIS DEPARTMENT OF
PUBLIC HEALTH

A Healthier Today For A Better Tomorrow

EPA Region 5 Records Ctr.



262722

04/16/94

EXNORD
400 CURTIS
OWNERS GROVE IL 60515

EAR OWNER/OPERATOR:

THIS OFFICE HAS RECEIVED THE RESULTS OF LEAD AND COPPER ANALYSES PERFORMED ON YOUR NON-TRANSIENT, NON-COMMUNITY PUBLIC WATER SUPPLY. THIS TESTING IS REQUIRED BY UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGULATIONS AND THE DRINKING WATER SYSTEMS CODE ADOPTED BY THIS DEPARTMENT. LABORATORY ANALYSES HAVE SHOWN THAT THE LEAD AND COPPER ACTION LEVELS ESTABLISHED IN THESE RULES HAVE NOT BEEN EXCEEDED IN YOUR WATER SUPPLY IN THE SECOND 6 MONTH SAMPLING PERIOD. YOU ARE NOW ADVISED THAT YOU MAY REDUCE TESTING FREQUENCY TO ANNUALLY (BY 12/21/94) AS WELL AS REDUCE THE NUMBER OF TAPS SAMPLED BASED ON THE POPULATION YOU SERVE. SEE THE ATTACHED TABLE. YOU WILL RECEIVE SEPARATE NOTIFICATION OF TEST RESULTS AND TESTING DUE DATES FOR VOLATILE ORGANIC CHEMICALS, PESTICIDES AND HERBICIDES, AND INORGANIC CHEMICALS.

SINCERELY,

Richard Petrella

RICHARD PETRELLA, P.E.
DIVISION OF ENVIRONMENTAL HEALTH

C: REGION/LOCAL HEALTH DEPARTMENT
PWS02305 ID: 0122564 CNTY: 043 REGN: 7

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LEAD/COPPER RULE OVERVIEW AND GENERAL INSTRUCTIONS

Regulation: National Primary Drinking Water Regulations for Lead and Copper 40 CFR Parts 141 & 142 (an amendment to the Safe Drinking Water Act).

Who Is Affected: Community Water Systems and Non-transient, Non-community Water Systems (schools/businesses on their own well(s) serving 25 or more students/employees a day, 6 months per year).

What to Do: Systems are required to collect water samples for lead and copper at selected sites and determine if results are below the action level for lead (.015 mg/l) and copper (1.3 mg/l).

When: Two consecutive six month monitoring periods are required the first year. They begin as shown in Table 1:

TABLE 1	Persons Served	1st	2nd
	> 3,300	July 1, 1992	January 1, 1993
	< 3,301	July 1, 1993	January 1, 1994

Water Piping Materials Survey: A materials survey conducted prior to sampling must be done to identify proper sampling taps and to assist in the interpretation of results.

- *TIER 1
 - Buildings or additions served by the water system are defined as TIER 1 locations if they:
 - have copper pipes with lead soldered joints installed between January 1983, and May 1986.
 - have lead pipes
 - are served by a lead service line
- *TIER 2
 - Buildings or additions identified as having copper pipes with lead soldered joints installed before 1983 are TIER 2 locations.

Required Samples: The required number of samples to be collected is based on the student/employee population served by the system (see Table 2).

TABLE 2	Population Served	Sample Sites (standard, every 6 mos.)	Sample Sites (reduced, every 12 mos.)*
	3,301 to 10,000	40	20
	501 to 3,300	20	10
	101 to 500	10	5
	< 100	5	5

*at least 2-6 month periods of base monitoring are required with results below the action levels to qualify for reduced monitoring. After 3 years of annual monitoring (results below action level) further reduction to sampling every 3 years is allowed.

Sample Tap Selection: At TIER 1 locations, identify all taps where cold water is typically drawn for consumption such as kitchen or break room faucets or drinking fountains. (Normally faucets on bathroom sinks are not used for consumption purposes.)



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EXNORD
1400 CURTISS
OWNERS GROVE IL 60515

0122564

DEAR OWNER/OPERATOR:

WE HAVE RECEIVED THE RESULTS OF CHEMICAL ANALYSES PERFORMED ON YOUR WATER SUPPLY IN COMPLIANCE WITH UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (USEPA) REGULATIONS AND THE DRINKING WATER SYSTEMS CODE ADOPTED BY THIS DEPARTMENT. THE TABLE BELOW SHOWS THE STATUS OF EACH CATEGORY TESTED AS REPORTED BY A LABORATORY AND INDICATES WHEN YOU WILL BE REQUIRED TO TEST FOR THESE CONTAMINANTS AGAIN. A "YES" ENTRY IN THE WAIVER GRANTED COLUMN INDICATES THAT, AS THE RESULT OF MEETING CURRENT STANDARDS, YOU ARE GRANTED A WAIVER WHICH ALLOWS A REDUCTION IN FUTURE SAMPLING UNTIL THE DATE SHOWN. IF THE MESSAGE IN THE OVERALL RESULTS COLUMN IS "DETECTS" OR "ABOVE ACCEPTABLE LIMITS," A SEPARATE LETTER IS ENCLOSED.

CATEGORY OF TEST	TEST DATE	OVERALL RESULTS	WAIVER GRANTED	DATE NEXT TEST DUE
VOLATILE ORG CHEMICALS	10/12/93	NO DETECTS	YES	10/12/99
HERBICIDES/PESTICIDES	12/21/93	NO DETECTS	YES	12/21/96
INORGANICS/METALS	10/12/93	ACCEPTABLE LIMITS	NO	10/12/96

BECAUSE THE VULNERABILITY ASSESSMENT PERFORMED BY OUR DEPARTMENT HAS DETERMINED YOUR SUPPLY IS NOT VULNERABLE TO ASBESTOS CONTAMINATION, YOU ARE GRANTED A PERMANENT WAIVER TO INITIAL AND FUTURE SAMPLING FOR ASBESTOS. FURTHER COPPER AND LEAD SAMPLING REQUIREMENTS WILL BE REPORTED TO YOU SEPARATELY.

A REVISED COPY OF THIS LETTER WILL BE SENT TO YOU EACH TIME WE RECEIVE NEW TEST RESULTS. IF YOU HAVE ANY QUESTIONS CONCERNING THESE REQUIREMENTS, PLEASE CONTACT THIS OFFICE AT (217)782-5830.

SINCERELY,

Richard Petrella

RICHARD PETRELLA, P.E.
DIVISION OF ENVIRONMENTAL HEALTH

C: REGION/LOCAL HEALTH DEPARTMENT
PWS02301 CNTY: 043 REGN: 7

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